

The GL bibliography and an interactive database

A. Pospieszalska-Surdej, J. Surdej¹, A. Detal and C. Jean

*Institut d'Astrophysique et de Géophysique, Université de Liège
Avenue de Cointe 5, B-4000 Liège, Belgium*

Abstract. It is now possible to directly access, via the Internet, a bibliographical database on Gravitational Lensing (GL) literature. The Interactive Gravitational Lensing Bibliography (IGLB) totalizes more than 2400 titles of published articles in scientific journals and meeting proceedings (except those fully dedicated to Gravitational Lenses) as well as papers submitted to the e-Print archive. This database is a product from the Gravitational Lensing Bibliography first presented in 1993 (Proceedings of the 31st Liège International Astrophysical Colloquium). It is easy to do field based searches for title keywords, authors (using boolean operators), year and journal (a pull-down list of the most cited journals is available). Access to the original version of published articles as well as to preprints submitted to the e-Print archive at the URL address <http://xxx.lanl.gov/> is also provided. This database is updated approximately every two months. The "complete" bibliography of published articles is also available in the form of Latex and PostScript files. The IGLB can be accessed at the URL: http://vela.astro.ulg.ac.be/grav_lens

1. Introduction

Figure 1 shows the WWW homepage for the gravitational lensing database. By clicking on one of the four images of the Clover-leaf, one may have access to different entries of the gravitational lensing bibliography:

- 1) a Database with field-based searches totalizing more than 2400 articles published and submitted to main scientific journals with corresponding links (for submitted papers to the e-Print archive and for published papers to main journals),
- 2) a PostScript file containing published articles,
- 3) a Latex file also containing published articles,
- 4) a Books file containing conference proceedings and books fully dedicated to GL.

The first version of the GL bibliography approximately totalized 1000 articles. The rapid growth of the GL activity is shown in Figure 2 which illustrates the number of GL related articles being published each year.

¹Also Directeur de Recherches du Fonds National de la Recherche Scientifique, Belgium

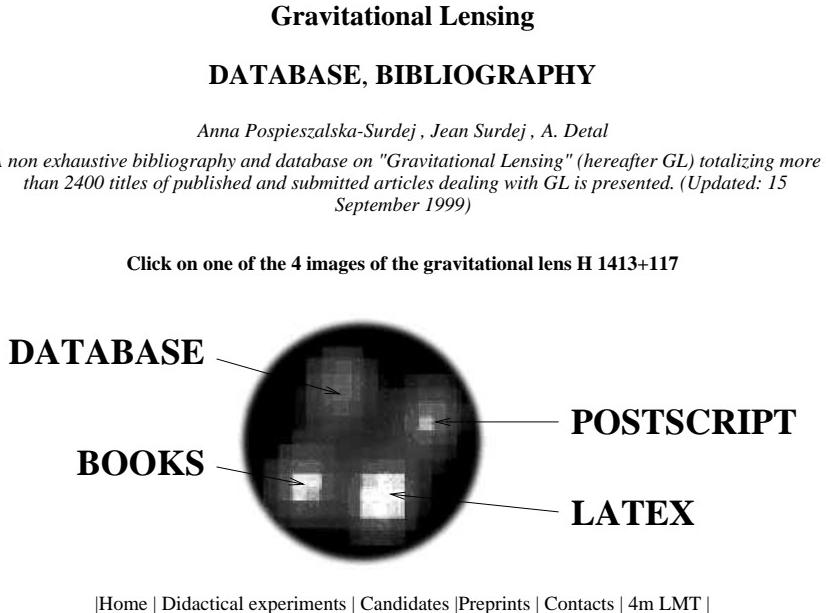


Figure 1. World Wide Web homepage for the GL database and bibliography accessible at the URL http://vela.astro.ulg.ac.be/grav_lens.

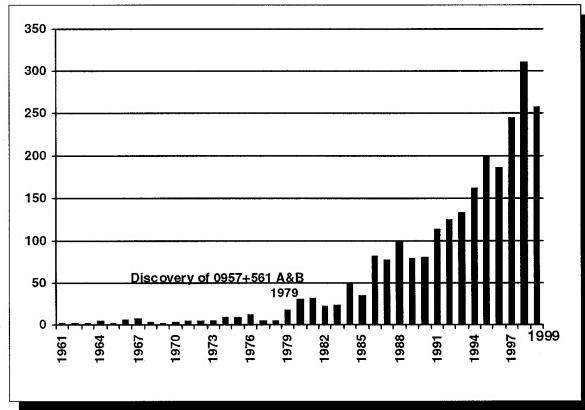


Figure 2. Number of papers related to gravitational lensing, published per year, during the past forty years. Please note that the year 1999 is not yet over!

References

- Pospieszalska-Surdej, A., Surdej, J., Véron, P. 1993, Proceedings of the 31st Liège International Astrophysical Colloquium, p. 671
- Pospieszalska-Surdej, A., Surdej, J., Véron, P. 1995, Proceedings of the International Astrophysical Union Symposium No. 173, p. 417